



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION I  
JOHN F. KENNEDY FEDERAL BUILDING  
BOSTON, MASSACHUSETTS 02203-0001

July 26, 1995

Barry J. Berdahl, PhD., C.H.M.M.  
Regional Compliance Manager  
Ciba-Geigy Corporation  
P.O. Box 71  
Toms River, NJ 08754

Re: Modification of Schedule for RFI and CMS Submittals

Dear Mr. Berdahl:

EPA has received your request, dated June 9, 1995, for an extension to the schedule for submittal of the RCRA Facility Investigation (RFI) report and Corrective Measures Study (CMS) report for the Pawtuxet River.

Your letter states that Ciba-Geigy plans on submitting the RFI/CMS for the site, without the river, ahead of schedule and will remove PCB contaminated soils and install a ground water stabilization system during the summer of 1995. In addition, Ciba intends to remove contaminated river sediments during October and November 1995. Your letter also states that since additional data will be generated by the river removal and other river related activities it will be necessary to revise the work plan for the Phase II Environmental Assessment of the Pawtuxet River and to seek additional time to complete the river RFI/CMS reports.

Based on this information, EPA believes that more time is needed to complete the RFI/CMS reports and agrees with the schedule proposed in your June 9, 1995 request. The revised due date for the River RFI report is March 29, 1996 and the River CMS report is due June 29, 1996.

EPA would also like to take this time to acknowledge the PCB soil removal in the Cranston production area. After EPA and RIDEM reviewed and commented on the On-Site Interim Measure Workplan, it was agreed that the objective of this voluntary stabilization action was to remove PCB contaminated soils at levels greater than 50 ppm. EPA believes that this interim removal action will reduce the threat to human health and the environment posed by the elevated levels of PCBs in the soils.



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As you are aware, this stabilization activity is considered an interim measure and any final decisions or approvals regarding this area will be made after the RFI and CMS reports are received by EPA.

If you have any questions, I can be reached at (617) 573-9643.

Sincerely,

A handwritten signature in cursive script that reads "Frank Battaglia".

Frank Battaglia, Project Manager

cc: Joe Unswerth, RIDEM

Regional Remediation Team

**FEDERAL EXPRESS (617)573-9643**

June 9, 1995

Mr. Frank Battaglia, Project Manger  
U.S. Environmental Protection Agency- Region I  
90 Canal Street, Waste Management Building  
Boston, Massachusetts 02114

**RE: CIBA-GEIGY SITE, CRANSTON, RHODE ISLAND  
SCHEDULE FOR RFI AND CMS SUBMITTALS**

Dear Mr. Battaglia:

In the EPA's letter of January 20, 1994, the schedule for submittal of the RCRA Facility Investigation (RFI) report, the Media Protection Standards (MPS) and the Corrective Measures Study (CMS) report for the Ciba-Geigy Site was officially modified to September 15, 1995 to allow for preparation and review of a single comprehensive document (see attached). Ciba's commitment to perform two voluntary Interim Remedial Measures (IRMs) from June through December 1995, in addition to construction of the groundwater stabilization system, necessitates a further revision of the schedule.

As provided for in item 4 of the attached letter, Ciba requests an extension to complete the RFI and CMS reports for the Pawtuxet River so that the results of the Cofferdam Sediment Removal IRM can be included. We submitted a Work Plan for this IRM to the EPA and the Rhode Island Department of Environmental Management (RIDEM) in early May and are committed to voluntarily conducting the remediation activity in the river during October and November of this year, after issuance of all Federal, State and Local permits.

Ciba is also seeking to revise and resubmit the Work Plan for the Phase II Environmental Assessment of the Pawtuxet River, previously approved by the EPA, to reflect the anticipated changes from the Sediment IRM and the results of sediment fate and transport modeling being conducted on the "facility" reach of the river by Hydroqual, Inc. The additional analysis required by these activities will add 6 to 9 months to the previous RFI/CMS schedule for the river.

While the river RFI and CMS reports will take longer, any benefits of actual remediation at the former Cofferdam will occur much earlier than was anticipated. Finally, Ciba still plans to submit the RFI/CMS reports for the Site, without the river, by

**ciba**

Ciba-Geigy Corporation  
P.O. Box 71  
Toms River, NJ 08754

Telephone 908 914 2500  
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September 15, 1995, as scheduled. In fact, we anticipate an early submittal of the Site RFI report by July 30. Also, we plan to incorporate the results of the voluntary IRM for PCB soil removal in the Site CMS report within the September deadline.

The results of the Phase I Investigation and the scope of work proposed for Phase II were presented in the Phase II Pawtuxet River Proposal. This document, which was submitted to USEPA in January 1992, was disapproved in September 1993. After additional clarification of selected issues (mostly pertaining to the PHERE), this document was approved by USEPA in April 1994. Phase II did not actually begin until this document was approved by USEPA, which was approximately 10 months after it approved the Phase I Interim Report and Phase II Proposal for the on-site investigation. Because of the delay in starting the Phase II Pawtuxet River Investigation, more time will be required by Ciba to incorporate this investigation.

The proposed schedule, as revised would then be:

<u>MILESTONE</u>	<u>DATE(S)</u>
Site MPS and CMS Proposals	7/01/95
Site RFI* and CMS Reports	9/15/95
Revised Work Plan for Phase II Environmental Assessment of Pawtuxet River	10/30/95
River MPS and CMS Proposals	1/31/96
River RFI Report	3/29/96
River CMS Report	6/29/96

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\* Proposed for early submittal on July 30, 1995.

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If you have any questions regarding this request or the above proposed schedule modifications please call me at (908) 914-2715.

Very truly yours,



B.J. Berdahl, Ph.D., C.H.M.M.  
Regional Compliance Manager

c: Mr. J. Unsworth, RIDEM



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION I

J.F. KENNEDY FEDERAL BUILDING, BOSTON, MASSACHUSETTS 02203-2211

January 20, 1994

Douglas Hefferin  
Director, Environmental Protection  
Ciba-Geigy Corporation  
444 Saw Mill River Road  
Ardsley, New York 10502-2699

Re: Modification of the schedule for submittal of documents  
required by the Administrative Consent Order: Ciba-Geigy  
Corporation, Cranston Facility - RCRA Docket # I-88-1088.

Dear Mr. Hefferin:

Pursuant to the Subsequent Modification section of the above referenced Administrative Consent Order, this letter modifies the schedule for submittal of documents required by Sections I.E.5-7, III.3, IV, V, VII, IX, AND XI of the Order and the corresponding schedules in any previously approved documents.

The Modification allows Ciba-Geigy Corporation (CIBA) to combine the RCRA Facility Investigation (RFI) Report, the Media Protection Standard (MPS) Proposal, and the Corrective Measures Study (CMS) Report into one consolidated document. This Modification will eliminate needless duplication of whole sections of documents and will allow CIBA an uninterrupted period of time to complete development and submittal of documents required by the Consent Order. The Modification will also eliminate the requirement that the EPA review and approve all interim documents before CIBA can proceed to the next mandated activity.

This Modification shall amend the existing Order in the following manner:

- 1) Ciba-Geigy Corporation (Respondent) shall submit a final document which incorporates a RFI Report, a MPS Proposal, and a CMS Report to the EPA for approval on or before September 15, 1995.



- 2) Respondent shall not submit a CMS Proposal for approval to the EPA prior to beginning the CMS or prior to the submittal of the final document. Respondent shall submit a letter to the EPA that identifies the proposed corrective measures to be studied and a justification for their selection prior to beginning the CMS.
- 3) Meetings may be held, as necessary, at critical decision points (i.e., proposed MPS, proposed CMS, etc.) during the planning for these activities. Meetings shall be held between four (4) and eight (8) weeks after a written request by Respondent to the EPA. Respondent shall document and distribute the minutes of these meetings to the EPA within two (2) weeks after the meeting.
- 4) In the event that Respondent wishes to assert that required river activities set out in Section III.3 of the Order will not be completed in time to be included with the final document by the September 15, 1995 deadline, Respondent shall provide written justification to EPA at least three (3) months in advance of the deadline. EPA may allow additional time for the submittal of an addendum to the final document for the river activities based on good cause shown.
- 5) Upon written request and justification by Respondent, EPA may allow additional time for Respondent to submit the final document or any part of the final document required in paragraph #1, above.

In accordance with the Subsequent Modification section of the above referenced Order, this Modification must be signed by both parties and will be effective upon signature by EPA. If the Modification, as set out above, is acceptable to Ciba-Geigy Corporation, please sign where indicated on the following page and return this Modification to Frank Battaglia at the following address:

U.S. Environmental Protection Agency  
Waste Management Division - [HRR-CAN3]  
J.F.K. Federal Building  
Boston, MA 02203

EPA will then sign and date the Modification below, file the original with the Regional Hearing Clerk and mail a fully executed copy to you.

Sincerely,

*Frank Cavanaugh*

*for* Merrill S. Hohman, Director  
Waste Management Division  
U. S. Environmental Protection Agency

Douglas Hefferin, Director, Environmental Protection, Ciba-Geigy Corporation hereby warrants that he is authorized to sign this Modification on behalf of the Respondent and that the Modification, as set out above, is acceptable to Ciba-Geigy corporation:

*Douglas Hefferin*  
Douglas Hefferin  
Director, Environmental Protection  
Ciba-Geigy Corporation

Patricia L. Meaney, Acting Regional Administrator, U.S. EPA Region I hereby warrants that she is authorized to sign this Modification on behalf of the Complainant and that the Modification, as set out above, is acceptable to EPA Region I:

*Patricia L. Meaney*  
Patricia L. Meaney  
Acting Regional Administrator  
U. S. Environmental Protection Agency

*2-4-94*  
EFFECTIVE DATE